

METHOD AND POLAR-LOOP TRANSMITTER WITH ORIGIN OFFSET
FOR ZERO-CROSSING SIGNALS

Abstract of the Disclosure

5

A transmitter synthesizes a signal having a phase modulated component and an amplitude modulated component. Phase and amplitude reference signals are generated from phase and amplitude information extracted from an offset output and offset input signal. An origin-offset signal source generates a
10 compensation signal which is combined with the input and output signals to generate the offset input and output signals.

"Express Mail" mailing label number: EL873858975US

Date of Deposit: December 12, 2001

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.
